

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	BA13
STATION NUMBER	BA13
4 CHAR ID	BA13
COUNTRY	IRAQ
LOCATION	AL FAW
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	09 AUG 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	x		1
OFFICE COORDINATE VALUES	x		1
STATION MONUMENT & SITE DETAILS	x		1
STATION DIAGRAM	x		1
ACCESS MAP	x		1
ACCESS DESCRIPTION	x		1
APPROACH PHOTOGRAPHS	x		1
CARDINAL POINT PHOTOGRAPHS	x		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	BA13
4 CHAR ID	BA13
STATION NUMBER	BA13

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	29° 58' 15.9"
LONGITUDE E	048° 27' 07.1"
HT (M)	+7
GRID ZONE DESIGNATOR	39R
UTM / MGRS GRID	39R TP 54137 18312
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
FIELD CHECKED BY: SGT. O'NEAL	UNIT:IGRS	DATE: 09 AUG 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	29° 58' 15.71752"
LONGITUDE E	048° 27' 07.04054"
SPHEROIDAL HT (M)	-13.712
EGM96 GEOID MODEL HT (M)	-16.128
ORTHOMETRIC HT (M)	2.416
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.018
RELATIVE HEIGHT ACCURACY (M)	0.015
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: BA13	
STATION NUMBER: BA13	4 CHAR ID: BA13
LOCATION: AL FAW	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: RE-BAR/FINE MARK	NO OF REBARS 7

MONUMENT PHOTO / SKETCH



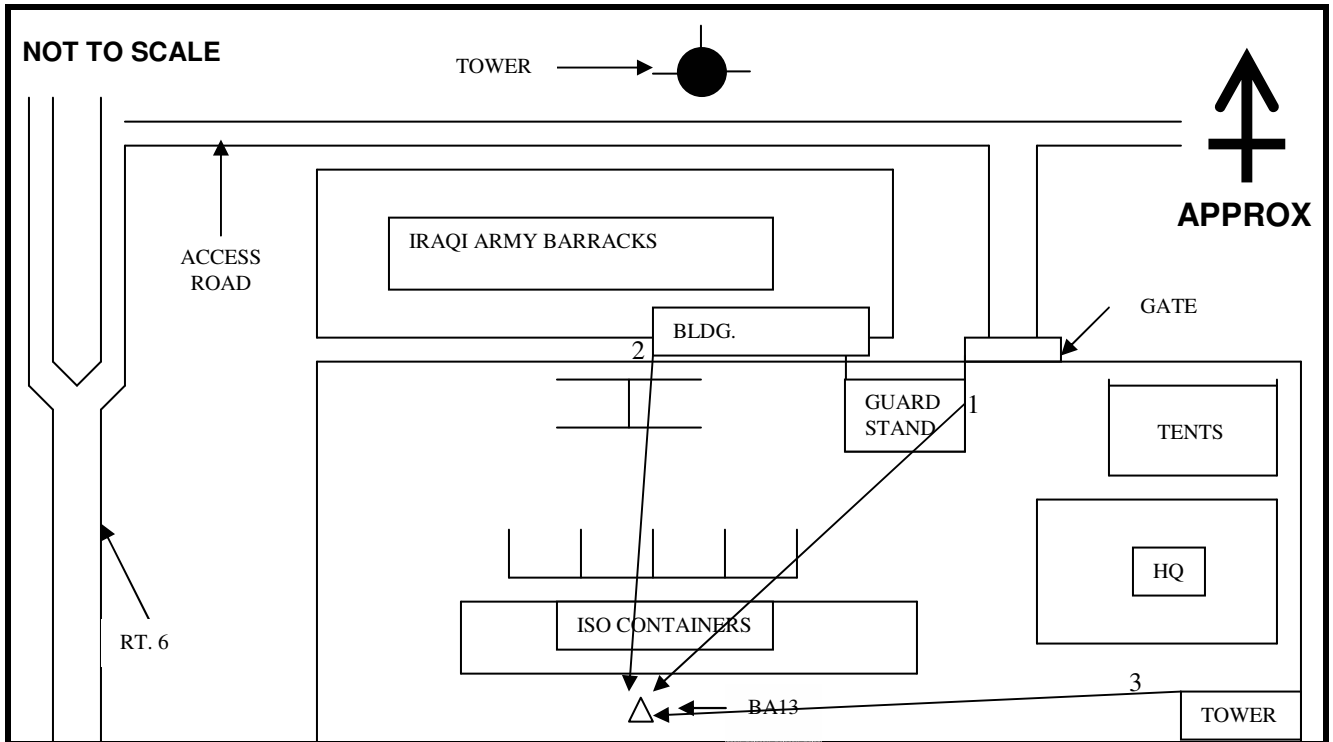
PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 09 AUG 2005

STATION DIAGRAM

STATION LONG NAME: BA13

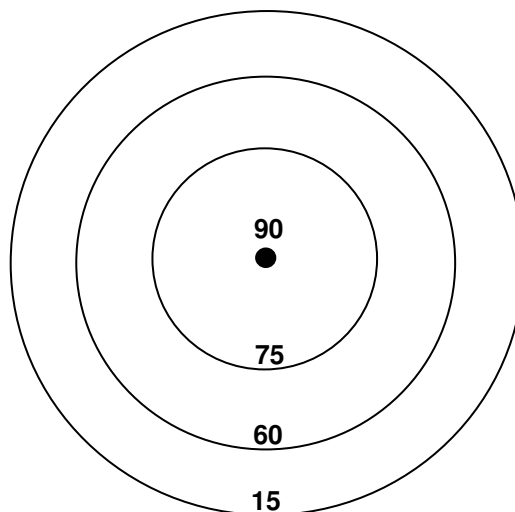
STATION NUMBER: BA13

4 CHAR ID: BA13



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	MAIN GUARD POST/ ENTRANCE GATE	318°	24M
2	GUARD TOWER	027°	37M
3	IRAQI ARMY BUILDING	308°	27M
4			

OBSCURITY DETAILS



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT. ONEAL	UNIT: IGRS	DATE: 09 AUG 2005

ACCESS MAP

STATION LONG NAME: BA13

STATION NUMBER: BA13

4 CHAR ID: BA13

MAP DETAILS

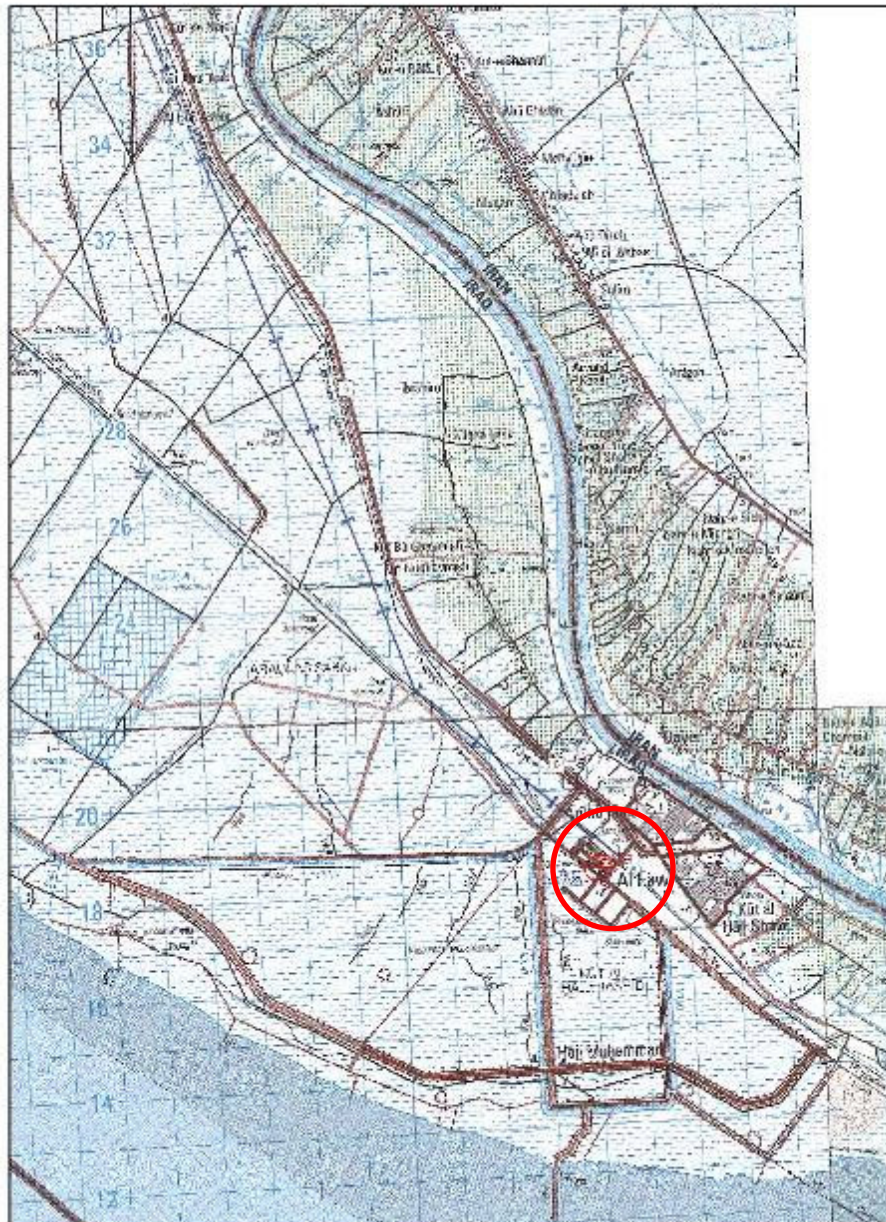
SERIES: K6614

SHEET: 5649

EDITION: 3

SCALE: 1:100,000

GR: 39R TP 54137 18312



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 09 AUG 2005

CHECKED BY: SGT ONEAL

UNIT: IGRS

DATE: 09 AUG 2005

ACCESS DESCRIPTION

STATION LONG NAME: BA13	
STATION NUMBER: BA13	4 CHAR ID: BA13

MAP DETAILS	SERIES: K6614	SHEET: 5649
EDITION: 3-NIMA	SCALE: 1:100,000	GR: 39R TP 54137 18312

To reach the survey marker BA13: Upon entering the city limits to the Southeastern Iraqi city, AL Faw. From junction of Route 6 and access road (near old power station) at grid location 39R TP 548 186, turn right onto access road, (proceed southwest) for approximately 300m, then enter Iraqi Army Camp, turn right after main gate and proceed 150m to another camp gate, upon entering proceed straight ahead approx 35m to far Hesco wall, station is located at grid 39R TP 54137 18312.

PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT. ONEAL	UNIT: IGRS	DATE: 09 AUG 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: BA13	
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NEAR APPROACH FACING SOUTH



FAR APPROACH FACING SOUTH



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CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA13

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NORTH



SOUTH



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CARDINAL PHOTOGRAPHS

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EAST



WEST



TAKEN BY: SPC CHAMBERS	DATE TAKEN: 09 AUG 2005
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